

# BURLINGTON RESOURCES

OIL CONSERVATION DIV.  
02 JUN -4 AM 11:48

May 31, 2002

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Re: San Juan 27-5 Unit #117M  
C Section 22, T-27-N, R-5-W  
30-039-23703

## REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well for the Lewis pay add that was completed 8-23-01. DHC-1504 was issued for this well.

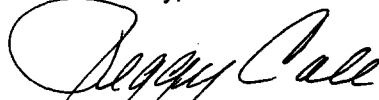
Gas:	Mesaverde	39%
	Dakota	61%

Oil:	Mesaverde	85%
	Dakota	15%

These percentages were calculated using rate-time reserve estimate comparisons for each respective formation. Because the Lewis formation was the only formation added during operations, the oil allocation has stayed the same as it was prior to working over the well.

Please let me know if you have any questions.

Sincerely,



Peggy Cole  
Regulatory Supervisor

Xc: NMOCD - Santa Fe  
Bureau of Land Management

## Production Allocation Documentation

### San Juan 27-5 Unit #117M

#### Production Allocation

Based on Remaining Reserves

Lewis Payadd August 2001

#### REVISED

##### GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	493.8	61%
All	<u>812.6</u>	
Mesaverde	318.9	39%

##### Condensate

Since only the Lewis was added, and the Lewis is not an oil-producing formation, the condensate allocation remains the same.

# SAN JUAN 27-5 UNIT 117M DK (29435343714.1464) Data: Jan.1986-Apr.2002

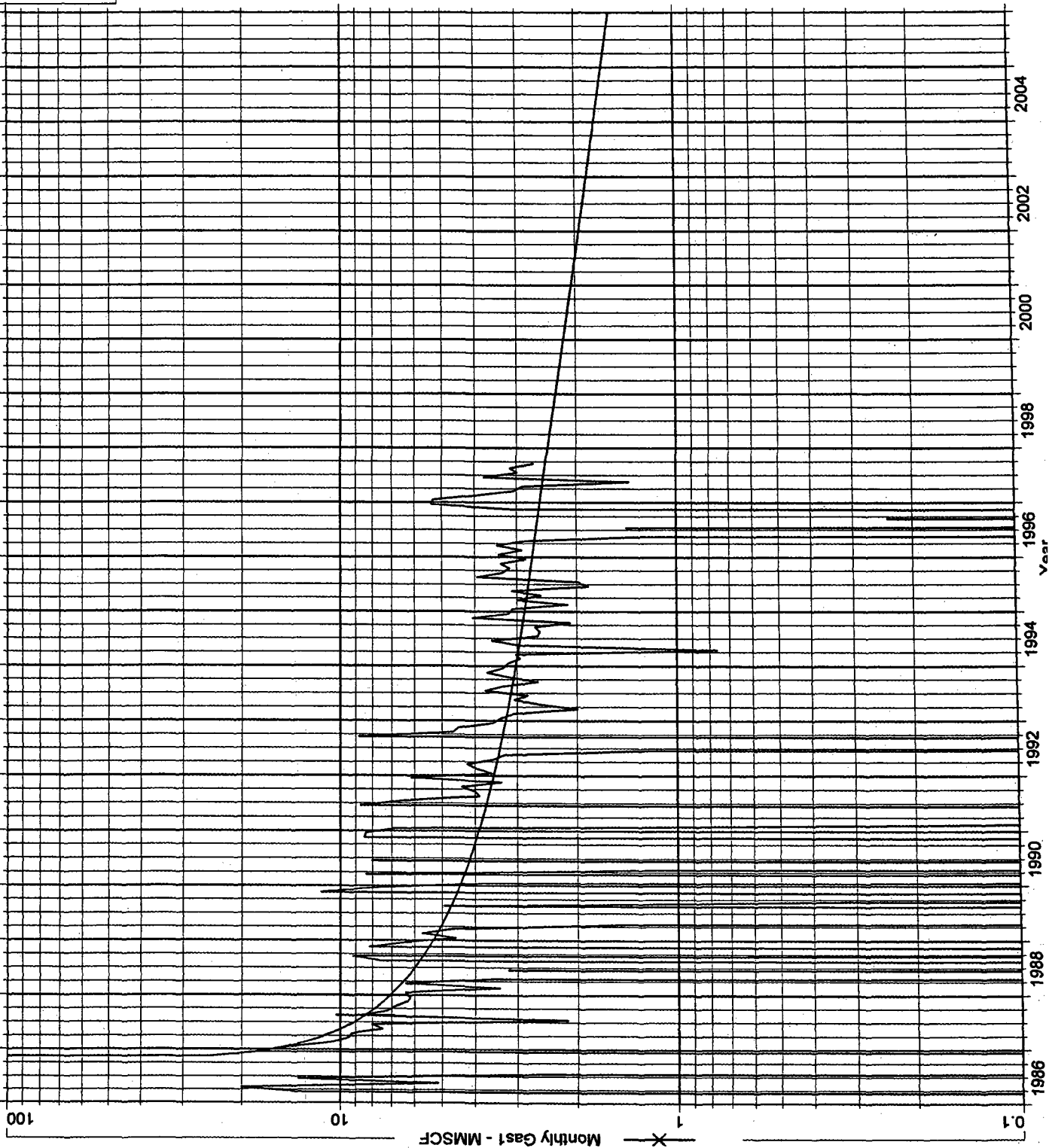
Operator: BURLINGTON RESOURCES OG CO LP  
 Field: BASIN DAKOTA (PRORATED GAS)  
 Zone:  
 Type: Gas  
 Group: Well::0LwAlloc

DK Only (Rate-Time)  
 qi: 8.61381 MMSCF, Aug, 1987  
 qf: 0.456589 MMSCF, Oct, 2028  
 di(Hyp): 32  
 RR: 493.771 MMSCF

Production Cums  
 Oil: 0 MSTB  
 Gas: 545.395 MMSCF  
 Water: 0.00302 MSTB  
 Cond: 3.38711 MSTB

\* Monthly Gas1 - MMSCF

Cum: 545.395 MMSCF  
 DK Only - MMSCF  
 versus time  
 Qi: 8.61381 MMSCF, Aug, 1987  
 Qf: 0.456589 MMSCF, Oct, 2028  
 Di(Hyp->Exp): 32  
 n: 2.1  
 RR: 493.771 MMSCF  
 EUR: 1039.17 MMSCF  
 Corr coeff: -0.690118



SAN JUAN 27-5 UNIT 117M 3627401 (93295593380.6134) Data: Jan. 1997-Apr. 2002

Operator: BURLINGTON RESOURCES OG CO LP  
 Field: BLANCO MESAVERDE (PRORATED GAS)  
 Zone:  
 Type: Gas  
 Group: Well: -0LwAlloc

ALL (Rate-Time)  
 qi: 7.18325 MMSCF, Sep, 2001  
 qf: 0.456621 MMSCF, Mar, 2042  
 di(Hyp): 29  
 RR: 812.642 MMSCF

Production Cums  
 Oil: 0 MSTB  
 Gas: 350.997 MMSCF  
 Water: 0.0171 MSTB  
 Cond: 1.40379 MSTB

✱ Monthly Gas1 - MMSCF  
 Cum: 350.997 MMSCF  
 ✱ ALL - MMSCF  
 versus time  
 Qi: 7.18325 MMSCF, Sep, 2001  
 Qf: 0.456621 MMSCF, Mar, 2042  
 Di:(Hyp->Exp): 29  
 n: 2.7  
 RR: 812.642 MMSCF  
 EUR: 1163.64 MMSCF  
 Corr coeff: N/A

